



2012 Michigan Environmental Compliance Conference

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Introduction

RETAP

- Free Pollution Prevention & Energy Conservation Assessments

RETAP Assessments

- Identify Pollution Prevention Opportunities
- Target Company Priorities

Minimum Assessment Eligibility Requirements

- 500 or fewer full-time employees
- Own Facility with Significant Ongoing Daily Operations
- Annual Utility Bills of \$15,000 or more
- Sign Indemnification Agreement

Program Background

- >55 Retired Engineers
- >2000 Years Combined Professional Experience
- >1700 Assessments Completed

Program Structure

- State of Michigan Administers
- Non-profit Contractor Operates
- Retired Engineers Hired as Independent Sub-contractors

RETAP Engineers

- 27 Degreed Disciplines – 17 Advanced Degrees – 15 Engineering Fields
- 13 Licensed Professional Engineers
- 9 Certified Energy Auditors
- 7 Other Certifications

RETAP Engineer Skill Set

- Numerous and Broad Based

Types of Businesses Assessed

- Manufacturing, Services, Agricultural, etc. Sectors
- Institutions and State Facilities

Assessment Steps

- Preassessment
- Onsite Assessment and Exit Meeting
- Mail Written Report
- Periodic Follow-ups

Assessment Report Outline

- Executive Summary Table
- Resource and Dollar Savings, Costs, and Paybacks

RETAP Annual Achievements 2011

- 89 Assessment Reports
- \$4.1 Million Cost Savings

RETAP Annual Achievements 2010

- 134 Assessment Reports
- \$3.2 Million Cost Savings

RETAP Annual Achievements 2009

- 81 Assessment Reports
- \$3.9 Million Cost Savings

RETAP Annual Achievements 2008

- 129 Assessment Reports
- \$5.8 Million Cost Savings

RETAP Annual Achievements 2007

- 108 Assessment Reports
- \$5.6 Million Cost Savings

Follow-up Surveys 2011

- One Year: 44% Implementation Rate
- Two Years: 60% Implementation Rate

Testimonials – Past Six Months

- 28 Testimonials Received

Testimonials – Recent Examples

- Gary Oil & Propane
- Bose North America, Inc.

Program Support

- Consumers Energy
- Michigan Manufacturers Association

Awards Received By RETAP

- Michigan Green Leaders Award
- Most Valuable Pollution Prevention Program

RETAP Activities – Next Six Months

- 50 Pollution Prevention Assessment
- 10 Energy Audits / Conservation Assessments
- 500 Hours of Specific, In-depth Technical Assistance

Contact RETAP

- RETAP Manager: 800-662-9278 or herbd@michigan.gov
- RETAP Contractor: 888-749-7886